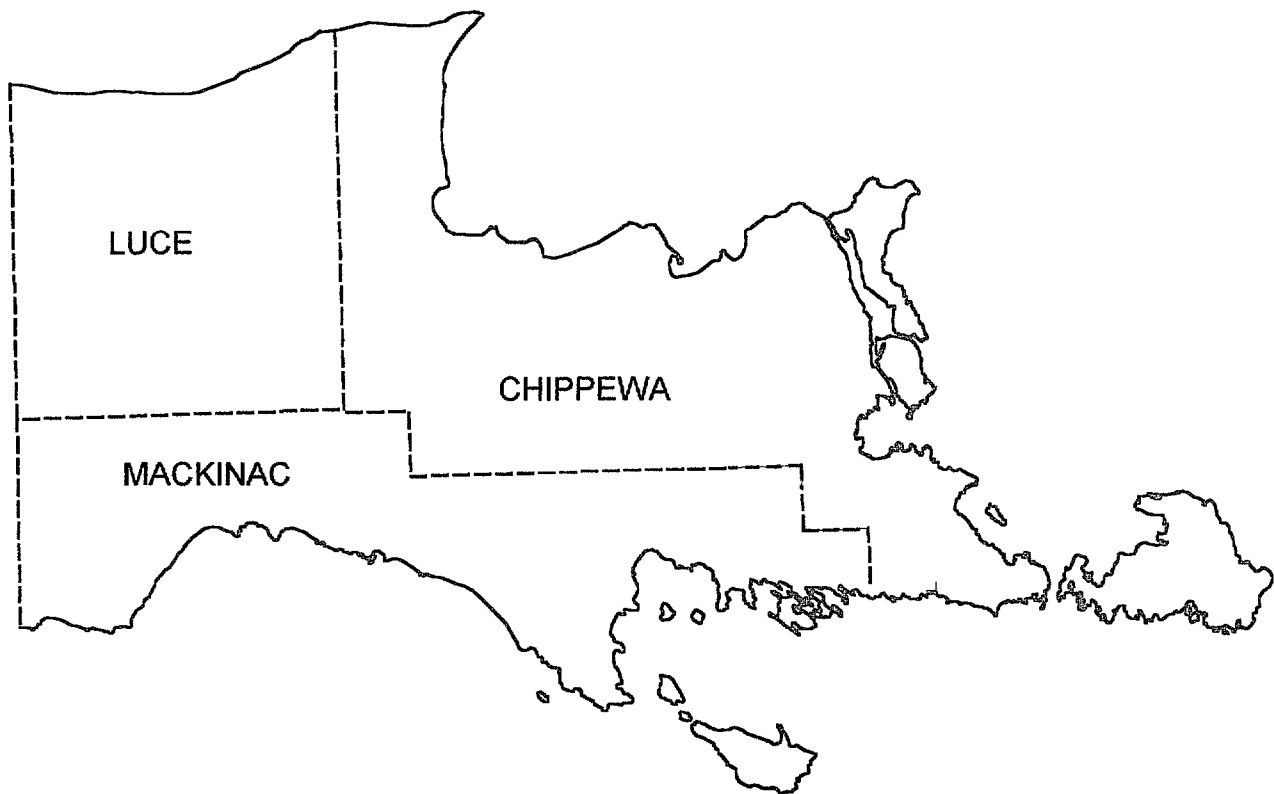


SHORELAND SERVICE AND DEVELOPMENT



MANAGEMENT PLAN

EASTERN U.P. REGIONAL
PLANNING & DEVELOPMENT
COMMISSION

SHORELAND SERVICE AND DEVELOPMENT MANAGEMENT PLAN

**FOR THE
EASTERN UPPER PENINSULA**

**PREPARED BY
THE EASTERN UPPER PENINSULA REGIONAL
PLANNING & DEVELOPMENT COMMISSION**

DECEMBER, 1995

The preparation of this report was financed in part through a Michigan Coastal Zone Management Grant from the Department of Environmental Quality and through the Michigan Department of Transportation to compliment Michigan's Island Explorer Water Trail.

TABLE OF CONTENTS

Introduction	1
Communities	2
St. Ignace.	2
Bois Blanc Island.	7
Mackinac Island.	10
Round Island.	10
Les Cheneaux Islands	13
Government Island.	14
DeTour Village	14
Drummond Island	15
Raber	18
Lime Island.	21
Munuscong Lake Shoreline - Neebish Island	21
Barbeau.	24
Sugar Island.	25
Sault Ste. Marie.	25
Transportation Corridors	32
Recommendations	34
1995 Boater Survey.	36

LIST OF MAPS

Map 1 - Community Locations	3
Map 2 - City of St. Ignace - Commercial Services	4
Map 3 - City of St. Ignace - Land Use	5
Map 4 - Les Cheneaux Shoreline - Commercial Services	8
Map 5 - Bois Blanc Island - Commercial Services.	9
Map 6 - Mackinac Island - Commercial Services	11
Map 7 - Mackinac Island - Land Use	12
Map 8 - DeTour Village and Surrounding Shoreline - Commercial Services	16
Map 9 - DeTour Village and Surrounding Shoreline - Land Use	17
Map 10 - Drummond Island - Commercial Services	19
Map 11 - Lime Island and Surrounding Shoreline of Raber Township - Commercial Services.	22
Map 12 - Lime Island and Surrounding Shoreline of Raber Township - Land Use	23
Map 13 - Neebish Island and Surrounding Shoreline - Commercial Services	26
Map 14 - Sugar Island - Commercial Services.	27
Map 15 - Sugar Island - Land Use	28
Map 16 - Sault Ste. Marie - Commercial Services.	30
Map 17 - Sault Ste. Marie - Land Use.	31
Map 18 - Transportation Corridors	33

INTRODUCTION

The Shoreland Management Plan has been developed in concert with the Michigan Island Explorer Water Trail, which will involve the development, operation and maintenance of facilities on selected islands from Cedarville to Sault Ste. Marie. This is the first of a number of proposed water trails to be developed in Michigan.

The Island Explorer Water Trail being developed by the State in the Eastern Upper Peninsula has focused exclusively on the islands to be utilized.

The Eastern Upper Peninsula Regional Planning and Development Commission, with funding assistance from the Michigan Coastal Zone Management Program of the Department of Environmental Quality and the Michigan Department of Transportation, has generated the Shoreland Management Plan to compliment the State program by looking at development, service and environmental issues along the shoreland and islands of the St. Mary's River Island Explorer Water Trail.

COMMUNITIES ALONG THE SHORELINE

ST. IGNACE -

The City of St. Ignace, located in Mackinac County on the southern shoreline of the Eastern Upper Peninsula, is strategically located for a check point of the Island Water Explorer Trail. (See Map #1 - Community Locations.)

The St. Ignace Municipal Marina is located on South State Street on St. Ignace Harbor. There are 20 slips available, 10 for seasonal and 10 for transient boaters. The City is planning to expand the marina to about 90 slips with a full range of shore side services. This marina has a boat launch, electrical hook-ups, pump-outs, both gas and diesel fuel, showers and VHF monitored. Food and supplies are within walking distance.

Located south of the Municipal Marina you will find the Municipal Park close to the Coast Guard Base where another boat launch is located.

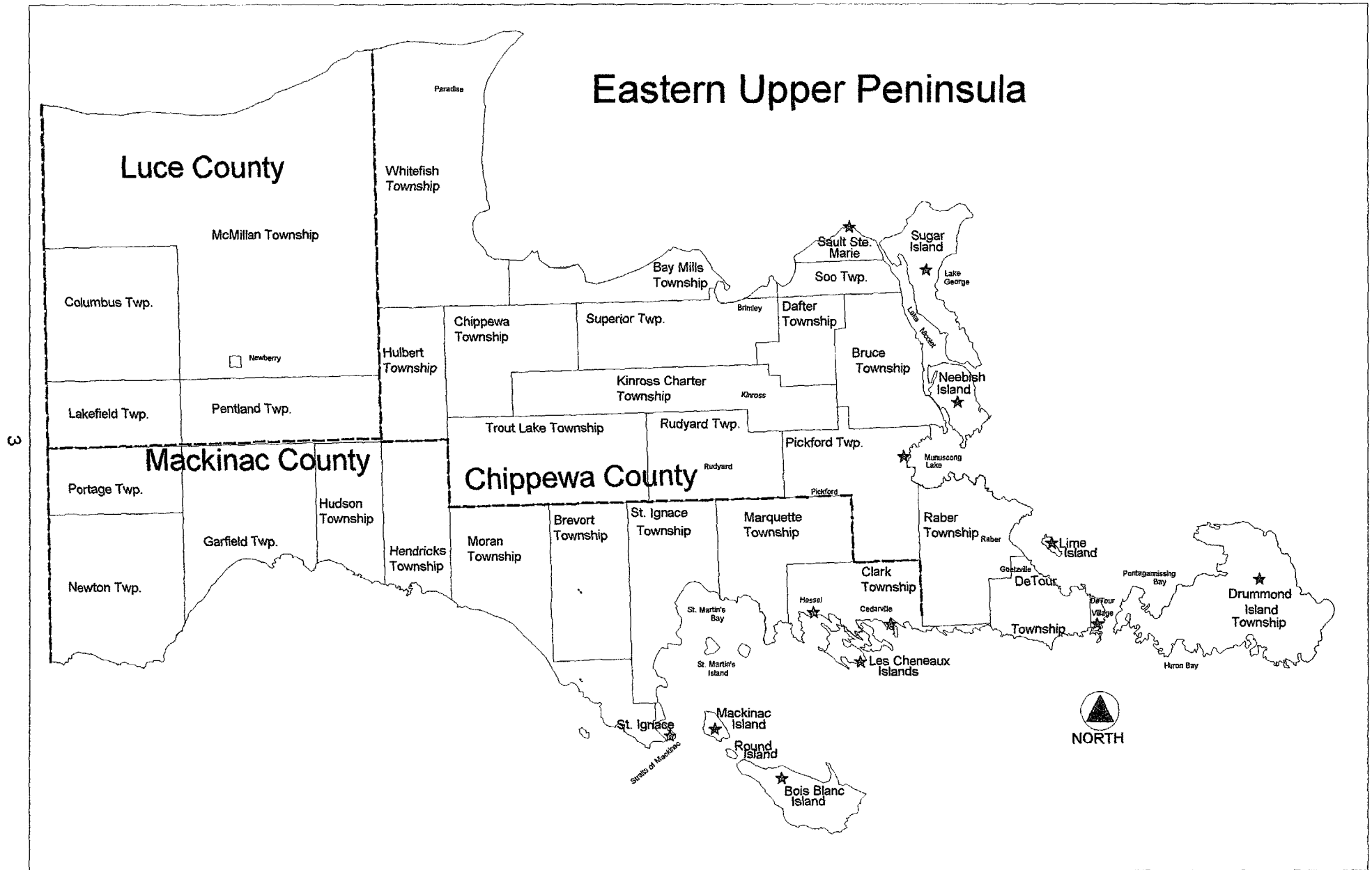
The Straits State Park is located on the southern shoreline of the City. It has 318 campsites for tent and trailer camping. There is electricity, toilets, showers, water, and sanitation disposal.

Travelling north along the shoreline in the City, you will find many types of accommodations for travellers. This City has 41 motels scattered along the shoreline, and 4 private campgrounds for more rustic accommodations. (See Map #2 - Commercial Services and Map #3 - Land Use, St. Ignace.)

Castle Rock Mackinac Trail Camppark is located four miles north of St. Ignace

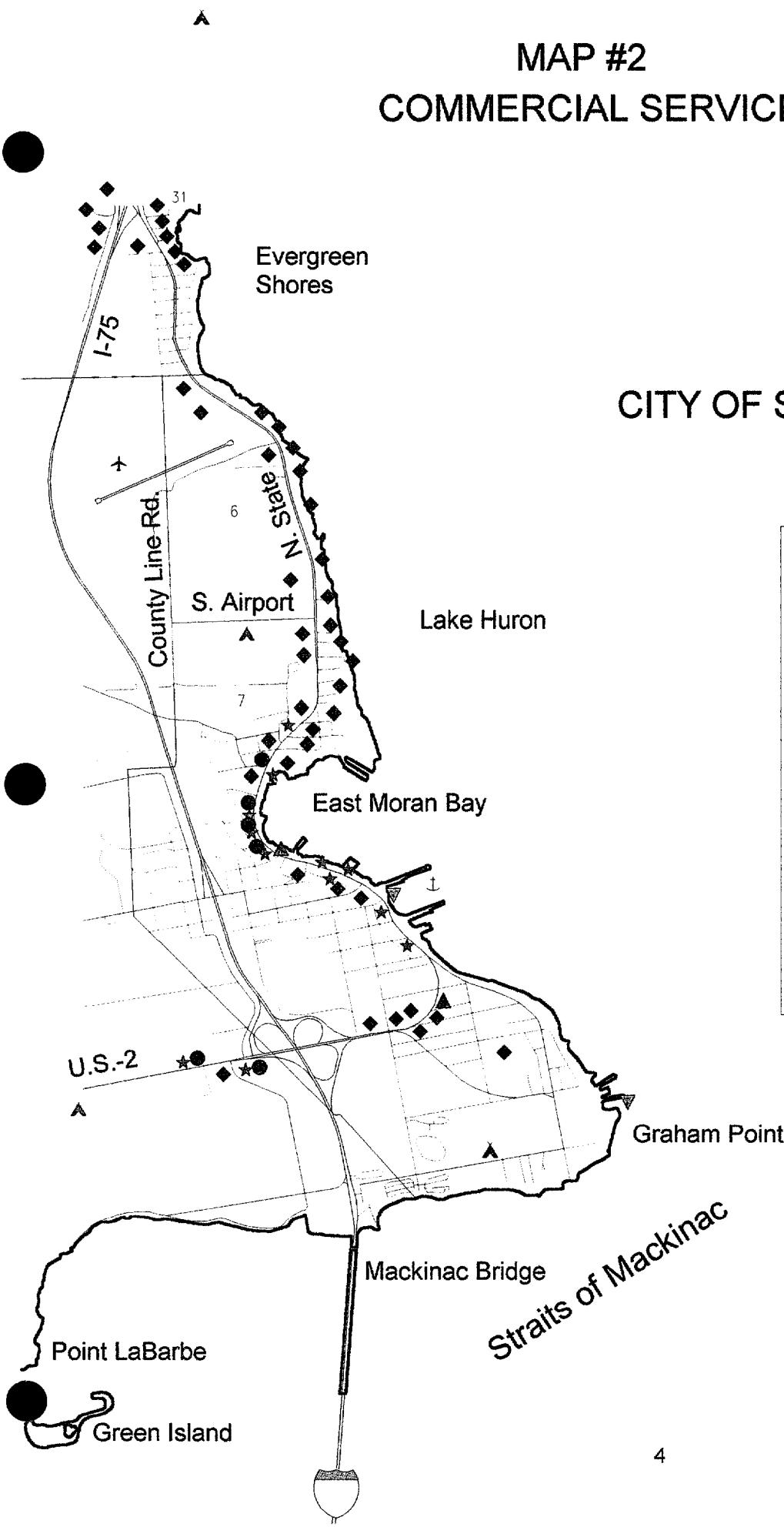
MAP #1 COMMUNITY LOCATIONS

Eastern Upper Peninsula



MAP #2

COMMERCIAL SERVICES

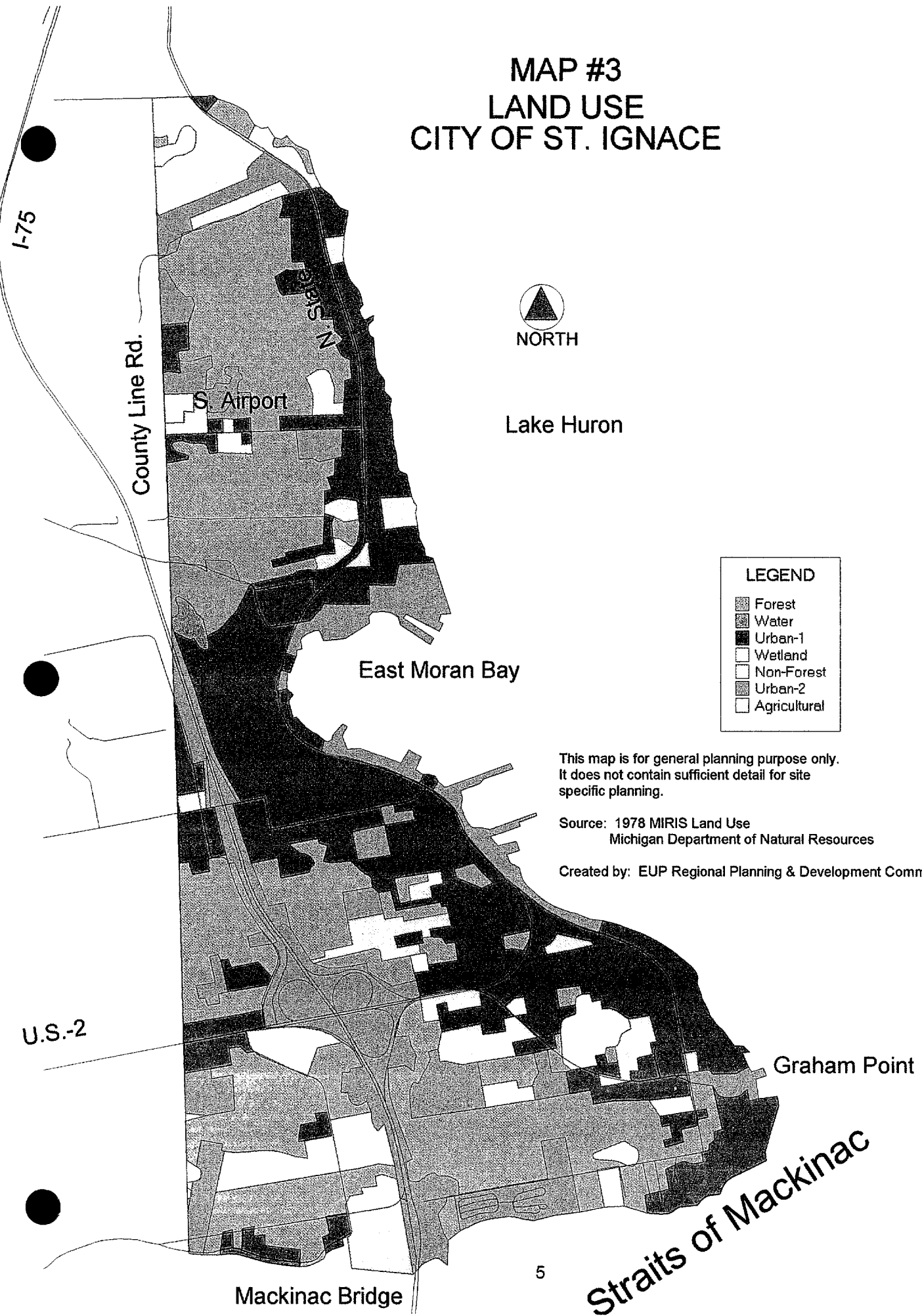


CITY OF ST. IGNACE

LEGEND	
◆	Motel
✈	Airport
▼	Public Boat Launch
⚓	Public Marina
⚓	Private Marina
▲	Public Campgrounds
▲	Private Campgrounds
▲	Grocery Store
★	Restaurant
●	Gas Station



MAP #3 LAND USE CITY OF ST. IGNACE



on Lake Huron with 2,000 feet of sandy beach. It offers the best in trailer and tent camping vacations with a playground; showers; sewer, water and electrical hook-ups; picnic tables; fire rings; laundromat; store; and recreation room. It is centrally located to points of interest and a free shuttle is provided to nearby Ferry Docks and Casino.

Travel two miles west of the Mackinac Bridge on U.S.-2 and one and a half miles south on Pte. LaBarbe Rd will bring you to the Lakeshore Park Campground. Tenting and trailer camping is available with a fantastic view of the Bridge and Straits and access to Lake Michigan. This campground also offers a free shuttle to Mackinac Island ferries.

The St. Ignace/Mackinac Island KOA offers a heated pool, and secluded tenting area as well as pull through trailer camp sites. They have a convenience store with firewood, rec rooms and laundromat. They offer Mini-golf, free shuttle to Mackinac Island Ferries and a pass to the Indian Museum.

The Tiki Travel Park is just off the I-75 Business Loop. The campground/RV park has large grassy, shaded or wooded sites. It's within walking distance to Mackinac Island ferries but also provides a free shuttle service.

The City of St. Ignace is rich in history and culture. There are many shops and sites to see and visit along the shoreline. Special events are planned all summer long. Mackinac Island, Round Island and Bois Blanc Island lie within a few miles distance across the water.

Travelling north along County Road H-63 (Mackinac Trail) approximately 14 miles, will lead to Reddmann's Sleepy Hollow. This is a secluded private campground

on St. Martin's Bay 1/2 mile south of the Carp River. It has cabins as well as rustic campsites, pit toilets, flowing wells, and a playground. Campfires are permitted.

The Carp River has excellent canoeing accessibility. There are two boat launches as well as a barrier free fishing pier. This area is federally owned and has a Hiawatha National Forest Campground located 2 miles south of the M-134 interchange on H-63. This campground has 44 campsites with vault toilets and water. (See Map # 4- Commercial Services-Les Cheneaux Islands and Surrounding Shoreline)

BOIS BLANC ISLAND -

Bois Blanc Island is located about six miles south-east of St. Ignace City on Lake Huron. It runs east-west about 15 miles and north-south about five miles. (See Map #1 - Community Locations.)

Although Bois Blanc Island Township belongs to Mackinac County, it is only four miles from Cheboygan County. Primary access to the island is by ferry, which is from Cheboygan.

There are about eight general commercial operations such as motels and grocery stores.

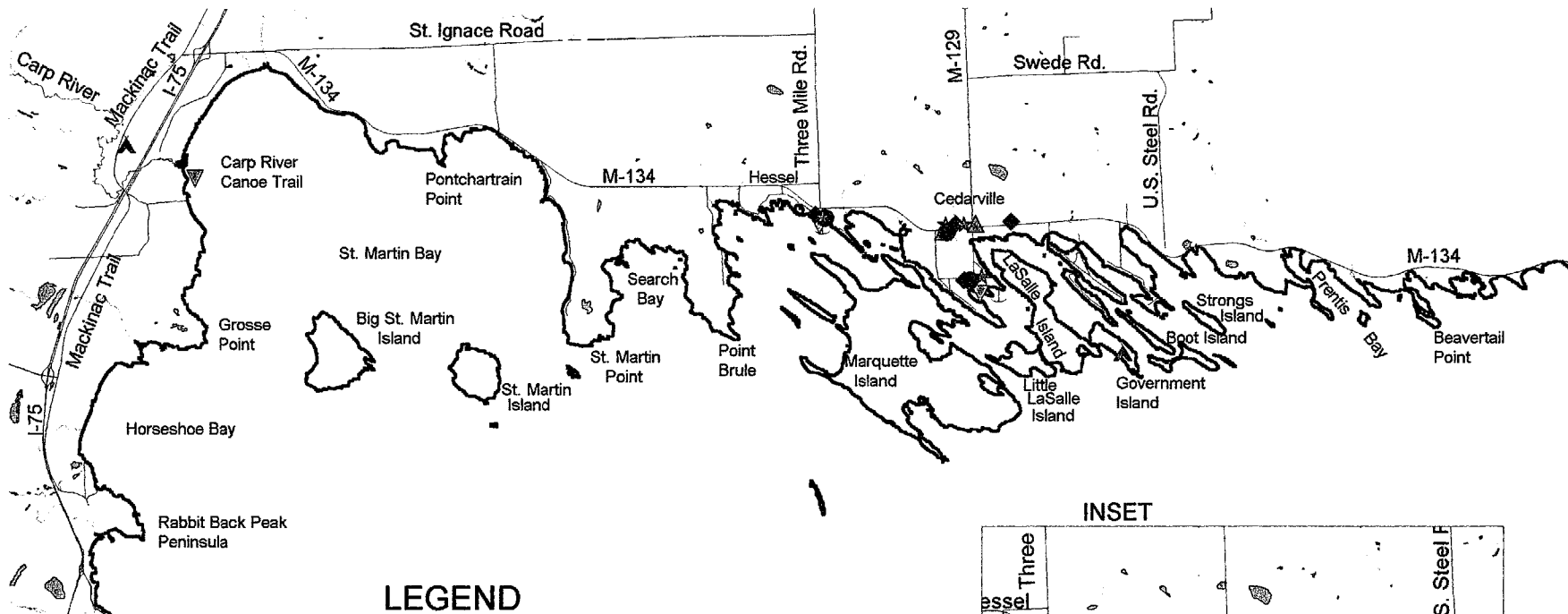
Approximately 8,586 acres, of the total 21,316 acres of the township, is State owned.

The Island has a recreational harbor on the southwest shore and a public campground on the north eastern part. Three inland lakes have boat launch access, with camping at one of the lakes. (See Map #5 - Commercial Services-Bois Blanc Island.)

MAP #4

COMMERCIAL SERVICES

Les Cheneaux Islands and Surrounding Shoreline

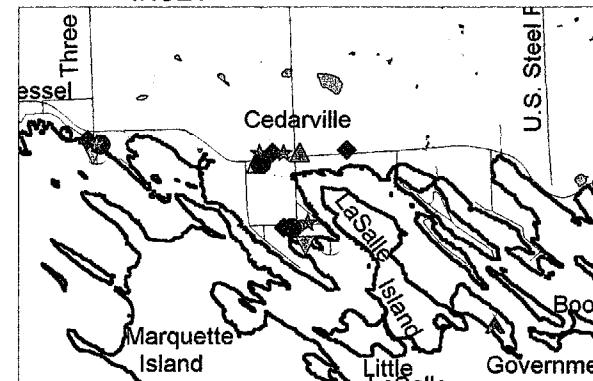


LEGEND

- ⚓ PRIVATE MARINA
- ◆ MOTEL/RESORT
- ★ RESTAURANT
- ▲ PUBLIC CAMPGROUND
- ▲ PRIVATE CAMPGROUND
- ▲ GROCERY STORE
- GAS STATION
- ▼ BOAT LAUNCH

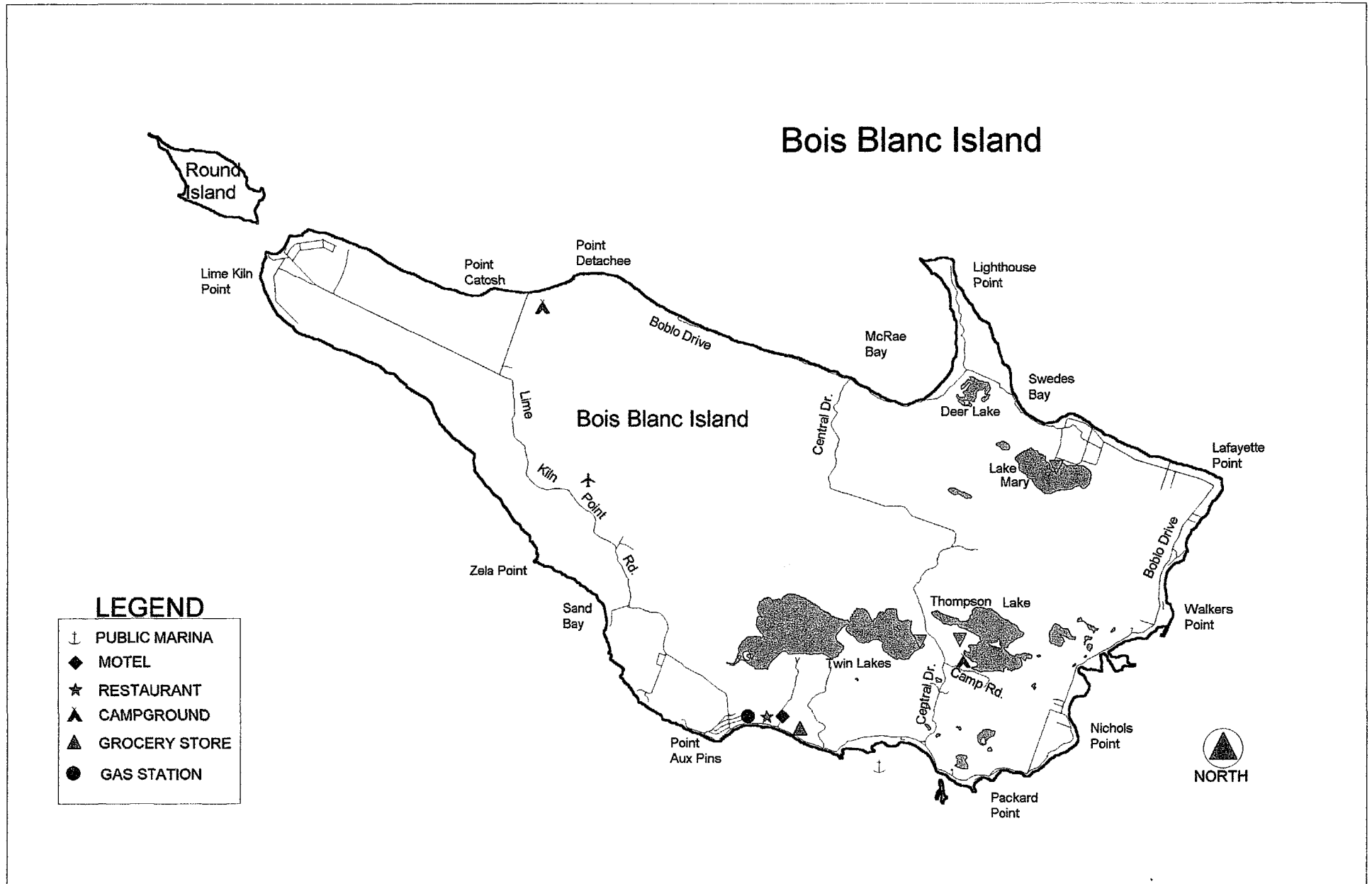


INSET



MAP #5

COMMERCIAL SERVICES



MACKINAC ISLAND -

Rich in history, Mackinac Island is one of the State's major tourist attractions. Lying three miles east of St. Ignace across the water, this small island (nine miles around the land perimeter) has a lot to see and explore.

Mackinac Island Marina, located on Main Street, welcomes boaters with 77 transient slips. They have electrical hook-ups, pump-outs, showers, food and supplies within walking distance, both gas and diesel fuel and VHF monitored.

No camping is allowed on the Island, but many hotels, bed and breakfast and rentals are available. Points of interest include: Arch Rock, Astor Warehouse, Fort Mackinac, Mission Church, Little Stone Church, Skull Cave, to name a few.

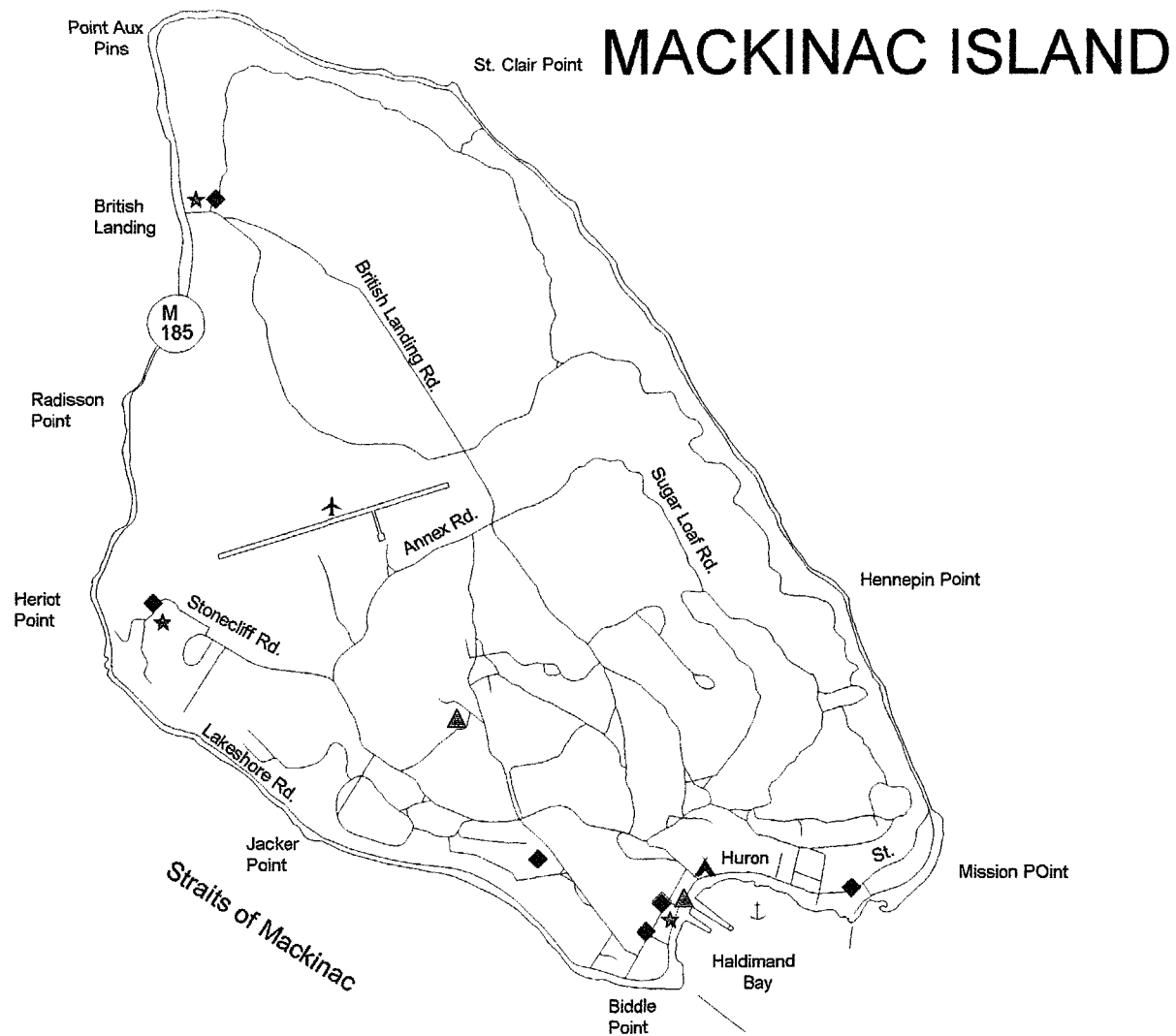
Approximately 80% of Mackinac Island is State owned. The Island has many trails for hiking and exploring. Bike rentals, horseback riding, and carriage tours are also available for exploring.

The downtown district has grocery stores, restaurants, bars, clothing stores, a drugstore, and many tourist souvenir shops. (See Map #6 - Commercial Services and Map #7 - Land Use, Mackinac Island.)

ROUND ISLAND -

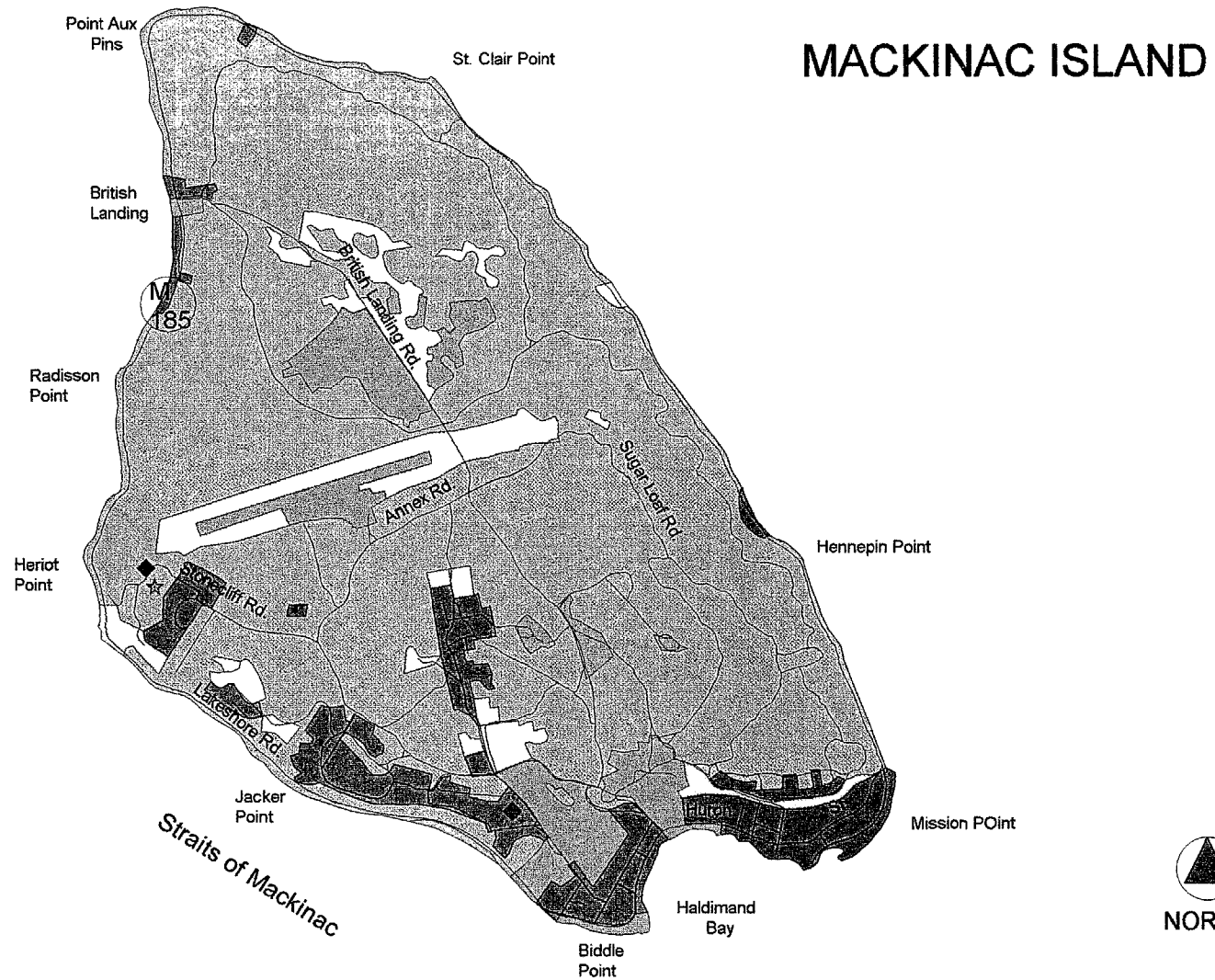
Located within one mile from Mackinac Island, Round Island is a much smaller, uninhabited island which is federally owned. This wilderness retreat has beautiful sandy beaches, ideal for swimming and sunbathing. There are no docking facilities or other developments other than the Round Island Lighthouse located on the northwest tip of the island. (See Map #5.)

MAP #6
COMMERCIAL SERVICES



MAP #7 LAND USE

12



This map is for general planning purpose only. It does not contain sufficient detail for site specific planning.

Source: 1978 MIRIS Land Use
Michigan Department of Natural Resources

Created by: EUP Regional Planning & Development Comm.

LES CHENEAUX ISLANDS -

Approximately 17-20 miles east of the I-75 Highway on M-134 are the Villages of Hessel and Cedarville. These two villages are three miles apart on the mainland and include approximately 35 islands, known as the Les Cheneaux Islands.

Both communities are on the shoreline of the Eastern Upper Peninsula in Mackinac County. Mackinac Island is 15 miles south-west across the water. Both villages have marinas and access to all types of services for boaters.

Hessel's Public Marina has a boat launch, toilets, showers, is available for day use and is within walking distance to food and supplies. Law Cabins, Lindberg Cottages, Lorelei Lodges and Heron's Point Resort are close by for overnight stays. As many resorts in the area book reservations in advance, planned stays are best.

Cedarville Marine, Mertaugh Boat Works, Tassier Boat Works and Viking Boat Harbor provide dockage, boat launch, services and repairs for boats of all sizes. Food, supplies, fuel and overnight accommodations are all within walking distance.

Cedarville Harbor is locally owned and has a picnic area, boat launch and boat slips. It is on a paved primary road, close to downtown with restaurants, bar, marina supply, hardware store, museum all within walking distance. Grocery stores are within a couple of miles of the harbor.

This area has a rich historical past, and a wealth of folk-lore in the heritage of several familiar and well-known names. Tourism opportunities include golfing, fishing, scenic views and natural wildlife.

GOVERNMENT ISLAND -

One of the islands in the Les Cheneaux area, this small island is federally owned. It has a public campground with picnic areas and vault toilets. No docking facilities are available. It lies within 2 1/2 miles to the Cedarville Harbor. (See Map #4 - Commercial Services, Les Cheneaux Islands and Surrounding Shoreline.)

DETOUR VILLAGE -

On the very eastern tip of the Upper Peninsula is the Village of DeTour. This small community lies 25 miles east of Cedarville along M-134. The area provides many tourism opportunities such as fishing, museum, scenic beauty, view of freighters, nature trails for hiking. The town has four restaurants, two grocery stores, a sporting goods store, two taverns and motels and cabin/resort areas for overnight accommodations.

Sand-dune beaches, excellent for swimming, are numerous along the shoreline between Cedarville and DeTour. A State Forest Campground lies 6 miles west of DeTour on M-134 at St. Vitals Point. It has 22 campsites with vault toilets, water, swimming beach, and fishing.

The Township Boat Launch is just outside the Village limits with vault toilets and boat ramp. A picnic area is nearby with picnic tables, grills and a swimming beach.

The DeTour Harbor of Refuge located in downtown DeTour Village has 78 transient slips; electric hookups; sanitation disposal; fuel-gas & diesel; showers, food and supplies all within walking distance.

DeTour is the mainland port for the ferry which travels to Drummond Island. Several shipwrecks lie in the waters between DeTour and Drummond and the local community is working towards designating a Bottomlands Diving Preserve.

Paradise Point Resort is located along the shore just north of DeTour Village. It provides a boat launch and about 30 slips. It also has rental cabins with fully equipped kitchens. Gas and oil are available as well as grills, picnic tables and fire pits. A Gift and Bait shop with fishing tackle, supplies, bait, candy and pop and rental boats and motors are located on the site. (See Map #8 Commercial Services and # 9 Land Use, DeTour Village and Surrounding Shoreline.)

DRUMMOND ISLAND -

Drummond Island, known as "Gem of the Huron", is located one mile east of DeTour Village. It is a very large island (more than 100 miles circumference) with over 50 percent of the Island being state owned. There are numerous places to explore and hike, fish and hunt, as well as many other things to see and do.

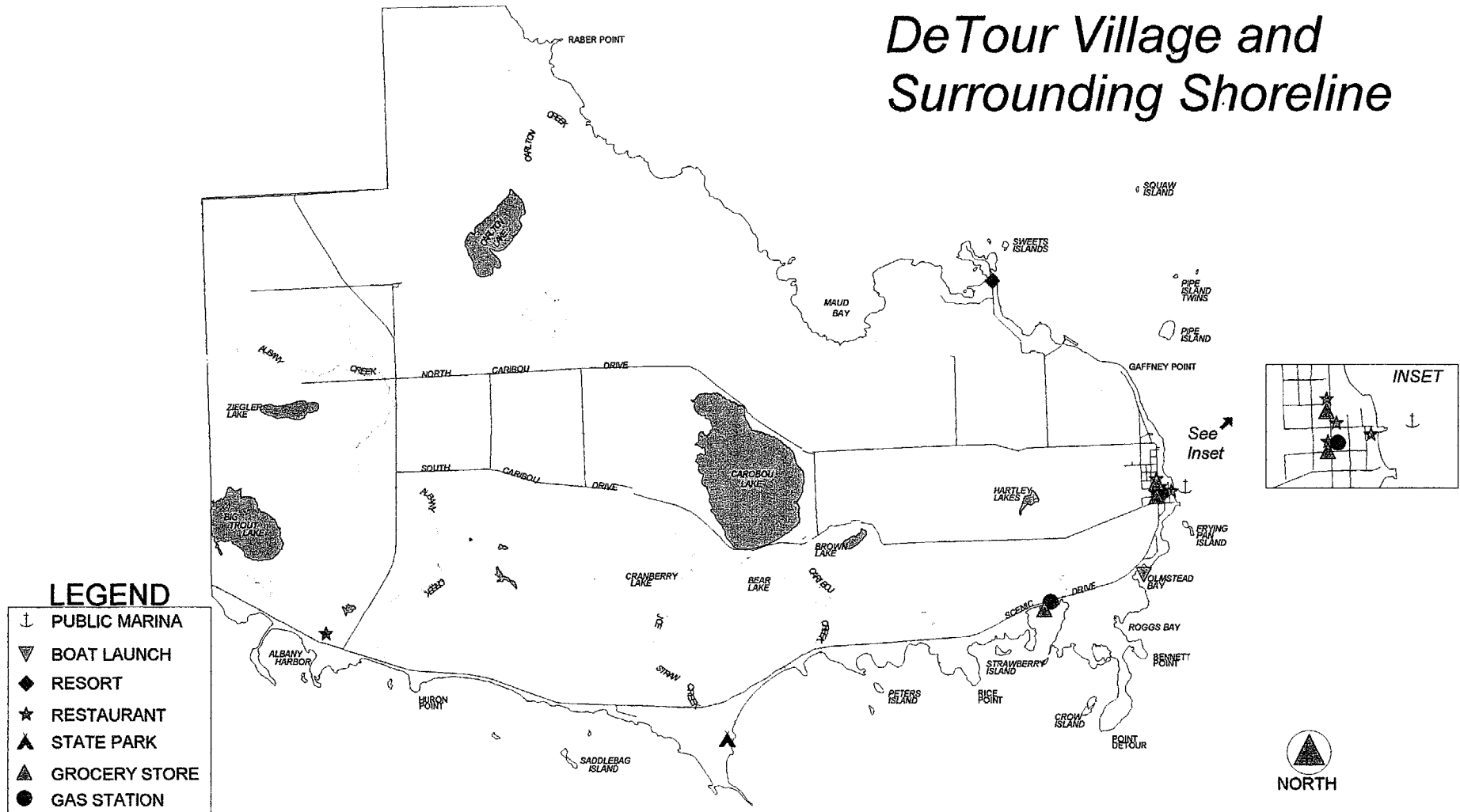
Drummond Island has a Township Park which has 50 campsites, electrical hookups, vault toilets, water, swimming beach, a boat launch and fishing.

Betsy Seaman Memorial Park located within walking distance from the Yacht Haven Marina, has a picnic area across from the historical museum.

The Yacht Haven located on the north shore of Drummond has 40 dockside slips - 30 covered, a boat launch, sanitation disposal, gas and diesel fuel, bait, showers, laundromat, repairs and parts. The Yacht Haven also offers 19 cottages, a

MAP #8 COMMERCIAL SERVICES

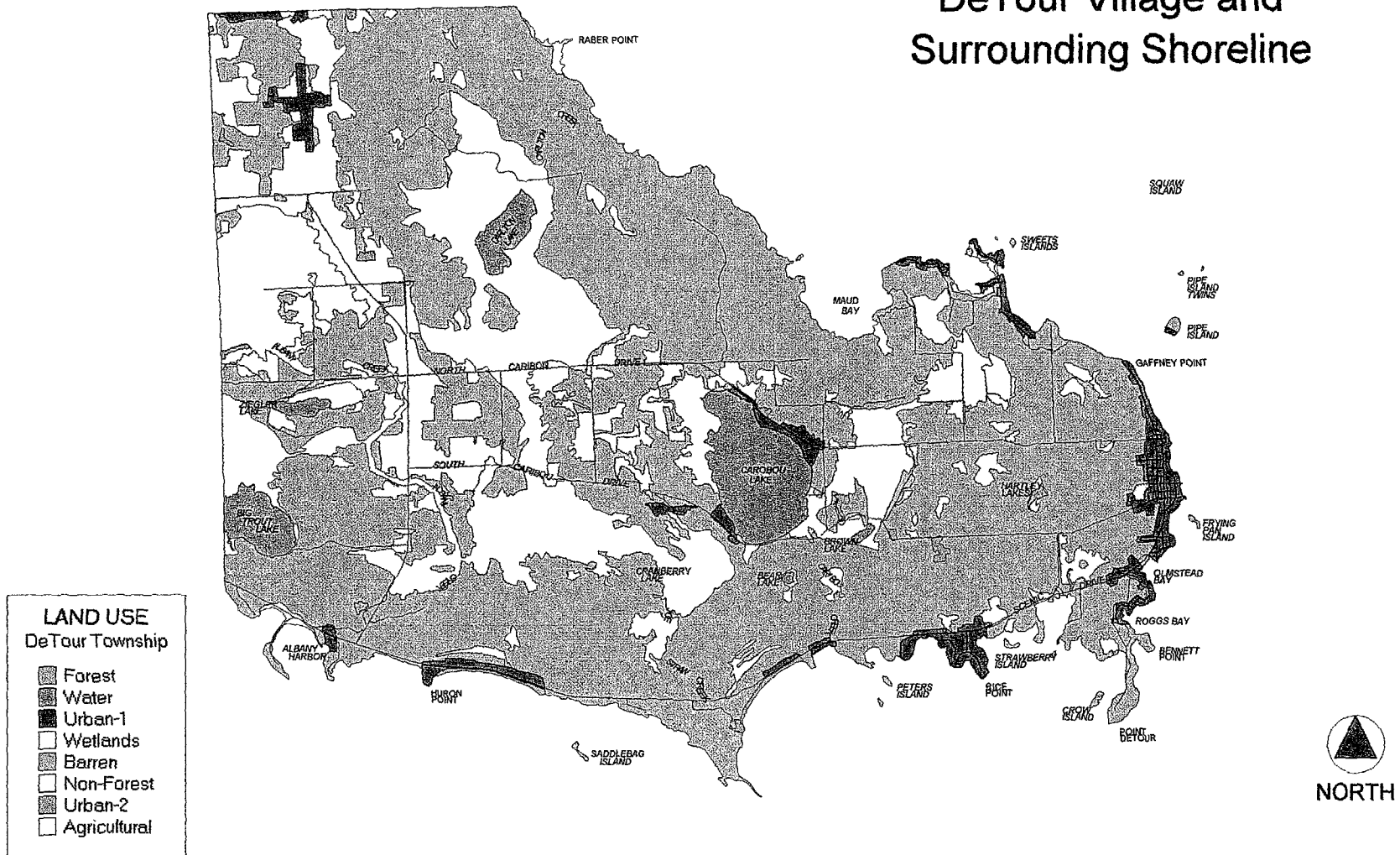
DeTour Village and Surrounding Shoreline



MAP #9 LAND USE

17

DeTour Village and Surrounding Shoreline



This map is for general planning purpose only. It does not contain sufficient detail for site specific planning.

Source: 1978 MIRIS Land Use
Michigan Department of Natural Resources

Created by: EUP Regional Planning & Development Comm.

beautiful sand beach for swimming and boat and bike rentals. It is also the U.S. Customs stop point for people travelling to and from Canada.

The Yacht Haven is strategically located on the north side of Drummond and would be an excellent check point for the Island Water Explorer Trail as many smaller islands lie just off the shore.

Harbor Island is one of the larger islands that are close to Drummond. It is federally owned and designated a Nature Preserve.

Ft. Drummond Marine located one mile from DeTour Lighthouse by water, is on the south shore of Drummond. It has 40 slips, a boat launch, gas and diesel fuel, showers, repairs and parts, rental cars, and bait. This marina also has cabins to rent, a convenience store with beer and wine take-out, and freezer space available. They are also a U.S. Customs stop.

Nate's Marina is a smaller marina with 15-20 seasonal slips, a boat launch, gas, repairs and parts, bait, and is located on the north side of island in Sturgeon Bay.

Drummond Island has numerous resorts scattered along the shore and inland which provide overnight accommodation. There are many summer events as well as golfing, horseback riding, airplane tours, bowling, fishing, and hunting. (See Map #10 Commercial Services, Drummond Island.)

RABER -

Travelling north along the shoreline from DeTour Village will bring you to the community of Raber. Taking the highway M-134 west along the shore 10 miles connects to highway M-48 going north. Travel along M-48 approximately 10 miles and

turn off to Raber via the Gogomain Road. North or South Caribou Lake roads will also connect to M-48 and are beautiful scenic roads to travel.

Raber is a small community which is directly across from Lime Island, the host island of the Island Explorer Water Trail.

There are two boat launches within a few miles of each other. The Township Boat Launch is located across the street from Raber Bay Bar and has vault toilets and a parking lot.

The Lime Island Boat Launch is located a few miles north and is within walking distance to Mom's Market which has gas and supplies.

Glen's Cove Resort is nearby the Lime Island Boat Launch. It has cabins as well as tent camping. They rent motors and boats and have a boat ramp. There is swimming and picnic areas available and also a playground for kids.

Harry's Place lies along the shore with cabin and campsites. They also provide boat rentals, boat ramp, fuel, and swimming areas.

Mom's Market provides groceries and a laundromat. It lies within a two mile walk of the Lime Island Boat Launch.

The Water's Edge Resort, Fisherman's Point Resort, Mac's Raber Bay Landing Resort, Karen's Rustic Cabins and Jack's Landing Resort all provide cabins to rent or campsites for rustic camping. Each resort has boat rentals and boat ramps. Also provided are fuel, supplies and swimming areas.

The Raber Bay Bar-n-Restaurant provides food and drink and bike rentals. They also have cabins to rent. They are within walking distance of the Township Boat Launch.

LIME ISLAND -

Designated the Host Island of the St. Mary's River Island Water Explorer Trail, Lime Island provides camp sites/cabins, docking, hiking trails, and swimming.

Located three miles east off-shore from Raber, this State owned island has been in the process of being restored. It now has ten platforms built for tent camping as well as cabins to rent. New hiking trails traverse the length and width of the island. There are plans to convert an old warehouse building to showers and restrooms.

There is docking available as well as a sandy area to pull-up smaller boats such as canoes or kayaks. The Island has a lot of history with lots to see and explore.

Tern's have a nesting area on the south end of the pier. To preserve the bird's habitat, this area should be considered off-limits and plans made to protect it. (See Map #11 - Commercial Services and #12 - Land Use, Raber Shoreline.)

MUNUSCONG LAKE SHORELINE - NEEBISH ISLAND-

Travelling the St. Mary's River north approximately 15 miles will lead into Neebish Island and Munuscong Lake.

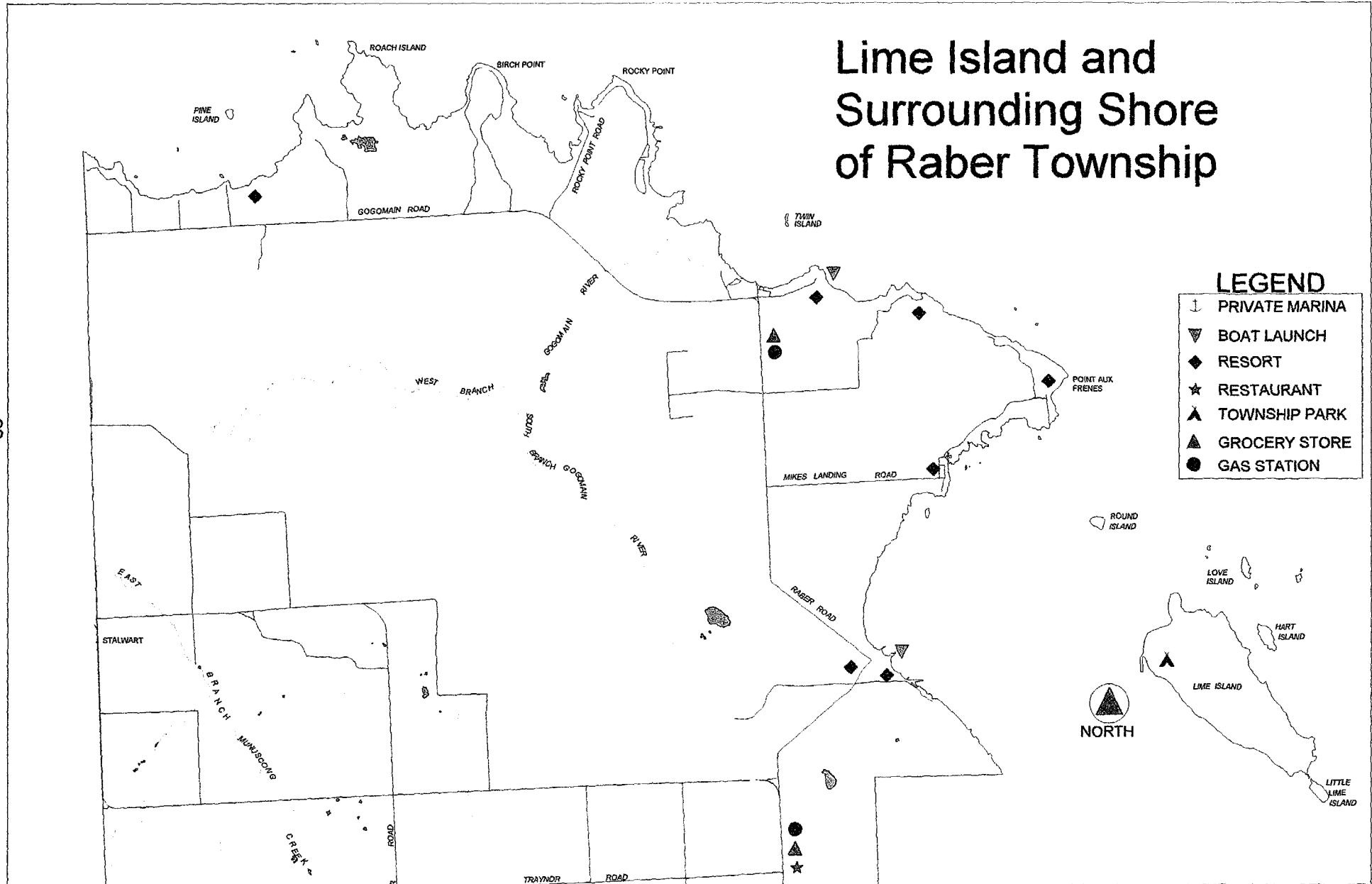
Along the shoreline of the Munuscong Lake, most of which is State owned, smaller islands dot the waters. Munuscong River empties into the Lake. A boat

MAP #11
COMMERCIAL SERVICES

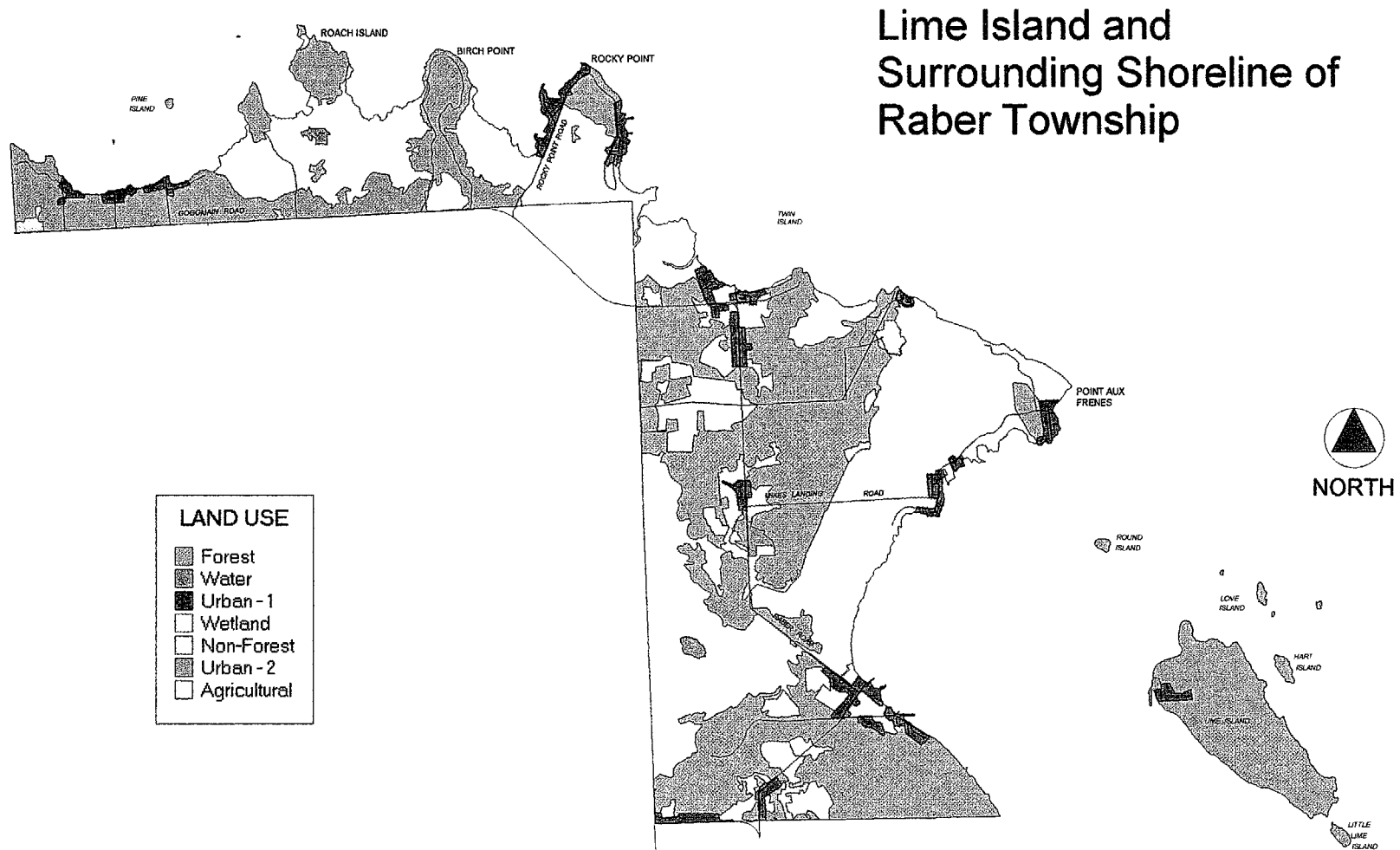
Lime Island and Surrounding Shore of Raber Township

LEGEND

- ↓ PRIVATE MARINA
- ▽ BOAT LAUNCH
- ◆ RESORT
- ★ RESTAURANT
- ▲ TOWNSHIP PARK
- ▲ GROCERY STORE
- GAS STATION



MAP #12 LAND USE



This map is for general planning purpose only. It does not contain sufficient detail for site specific planning.

Source: 1978 MIRIS Land Use
Michigan Department of Natural Resources

Created by: EUP Regional Planning & Development Comm.

launch is located up river a short bit. There is also a public campground with 50 campsites, vault toilets, and water.

Neebish Island is a large island though not as large as Drummond. There are several small State owned islands just off shore. A car ferry crosses at 15 Mile Road. There are no public boat launch sites on the island.

Resorts line the shoreline along Scenic Drive. Gains Rustic Resort provides eight rental cabins and camp sites with picnic tables and electrical hook-ups. They provide a boat ramp and dock with boats/motors available for renting, fuel, bait and tackle as well as a guide service.

Riverview Taxidermy and Marine is located on the St. Mary's River one half mile north of Munuscong Bay. Cabins, docking, a boat ramp, marine service, bait and tackle, and rental boats and motors are available.

The Refuge Resort is located 6 miles north east of Pickford in the middle of the Munuscong State Forest. It offers a bed & breakfast and loft cabin. They rent canoes and have a guide service for fishing. This resort is very close to the public boat launch and campground and would make a good check point for the Island Explorer Trail.

BARBEAU -

Across from the northern end of Neebish Island is the Dunbar Forest area. There is a boat launch site at the mouth of the Charlotte River

The WigWam Restaurant provides food and drink. There is also one gas station along the shoreline. A convenience store is located three miles inland. (See Map #13 Commercial Services - Neebish Island and Surrounding Shoreline.)

SUGAR ISLAND-

Sugar Island is just north of Neebish Island. On the northern tip is a public boat launch site. This island has a bar and restaurant as well as many resorts. The car ferry travels the short distance between Sault Ste. Marie and Sugar Island on a regular schedule. (See Map #14 Commercial Services and #15 - Land Use, Sugar Island.)

SAULT STE. MARIE-

The City of Sault Ste. Marie is a shoreline community with a population of approximately 15,000 people. This city has many tourism opportunities including the Soo Locks, Tower of History, a gambling casino, tourist souvenir shops, golfing, etc.

The City has two campgrounds. Aune-Osborn Campground on the east side of the Locks has 100 campsites, electrical hook-up, complete restrooms, sanitation disposal, with golf course, restaurant and convenience store within walking distance. There is also a boat launch and parking lot.

Harvey Marina has 31 boat slips, a boat launch, electric hook-ups, pump-outs, showers, with food and supplies within walking distance.

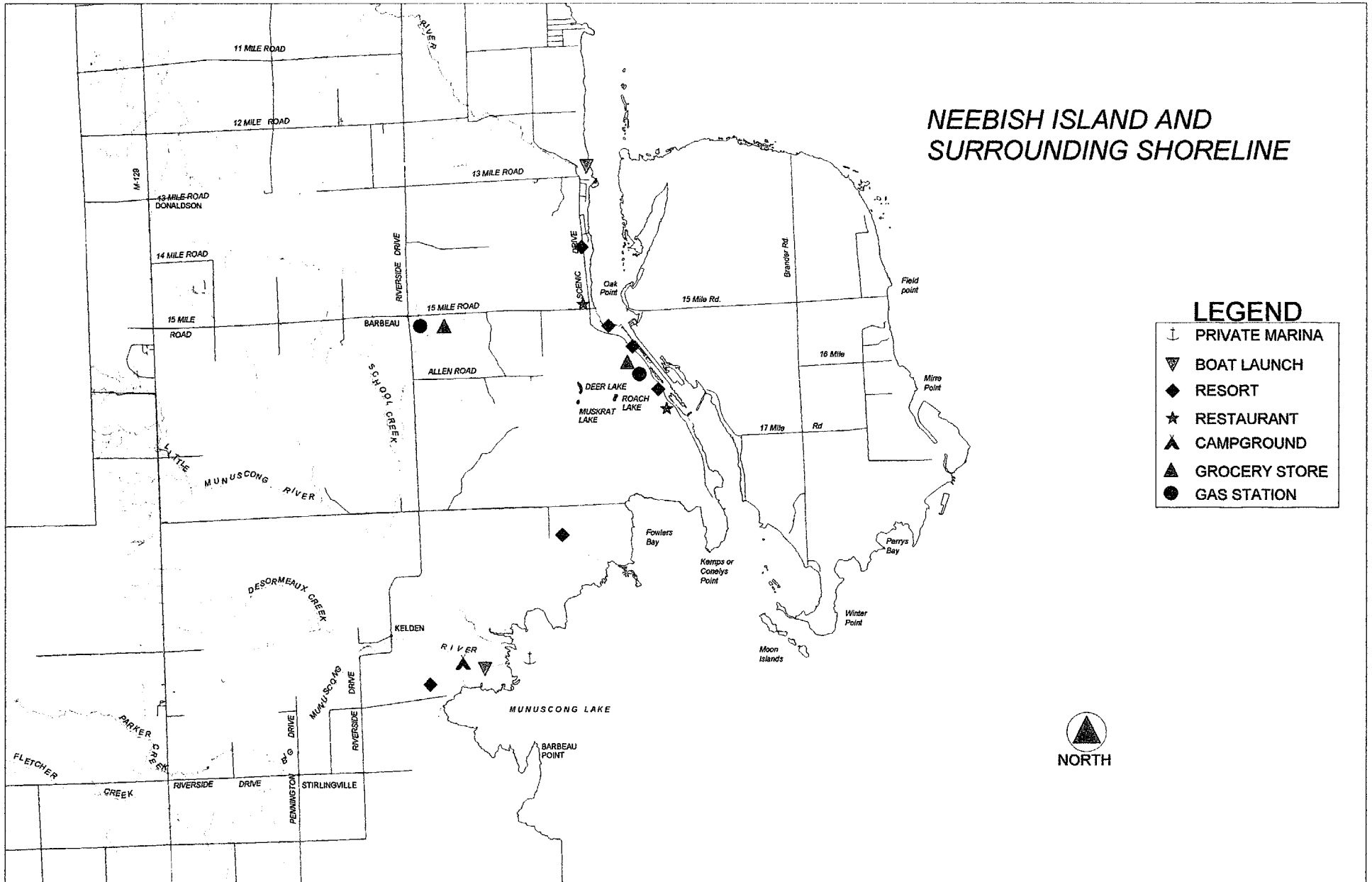
Sherman Park Campground, located on the west side of Sault Ste. Marie has 25 rustic camp sites, drinking water, pit toilets, a playground, swimming beach, horse shoe pits, picnic area, and a boat launch site.

MAP #13 COMMERCIAL SERVICES

NEEBISH ISLAND AND SURROUNDING SHORELINE

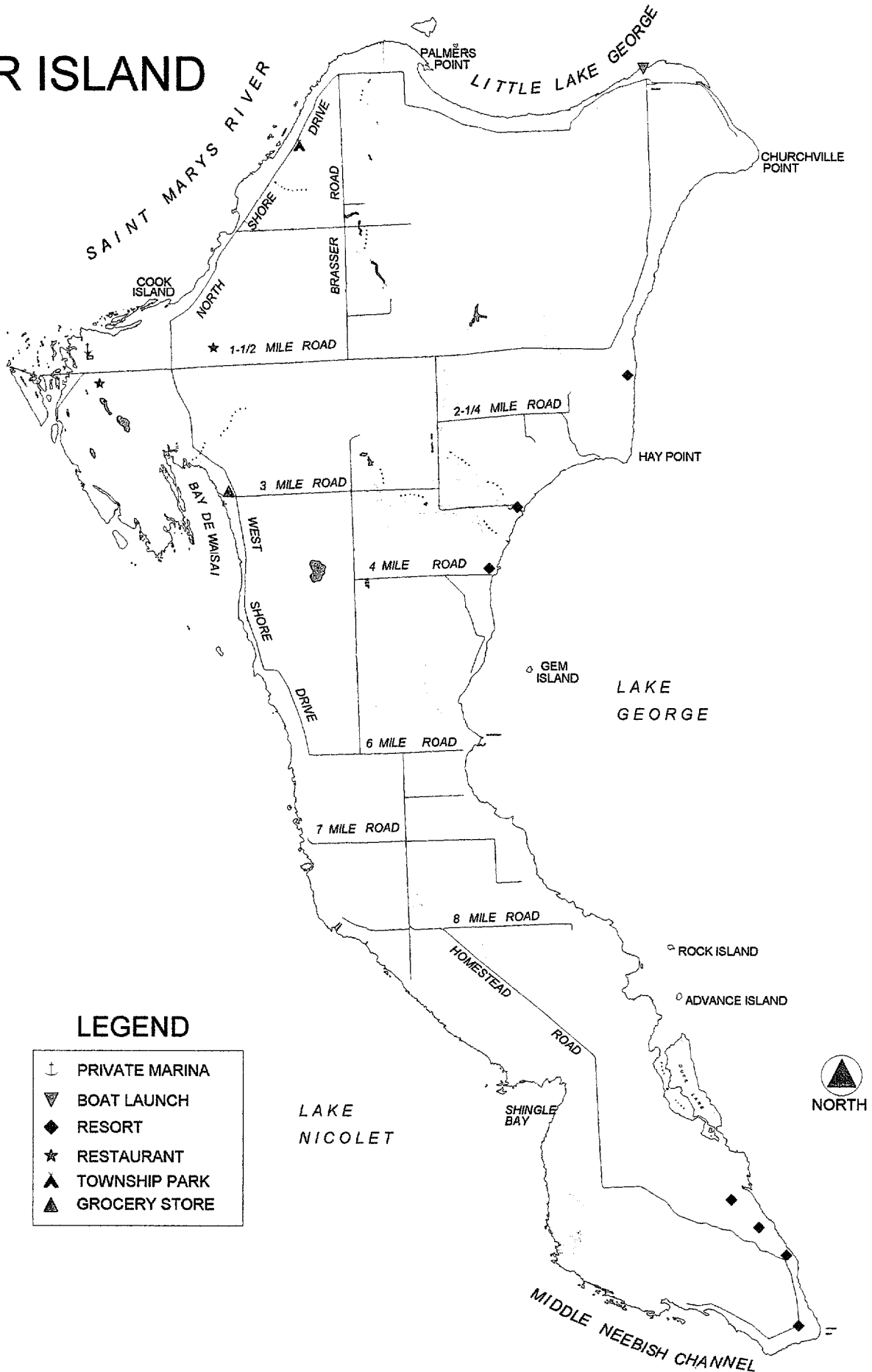
LEGEND

-  PRIVATE MARINA
-  BOAT LAUNCH
-  RESORT
-  RESTAURANT
-  CAMPGROUND
-  GROCERY STORE
-  GAS STATION



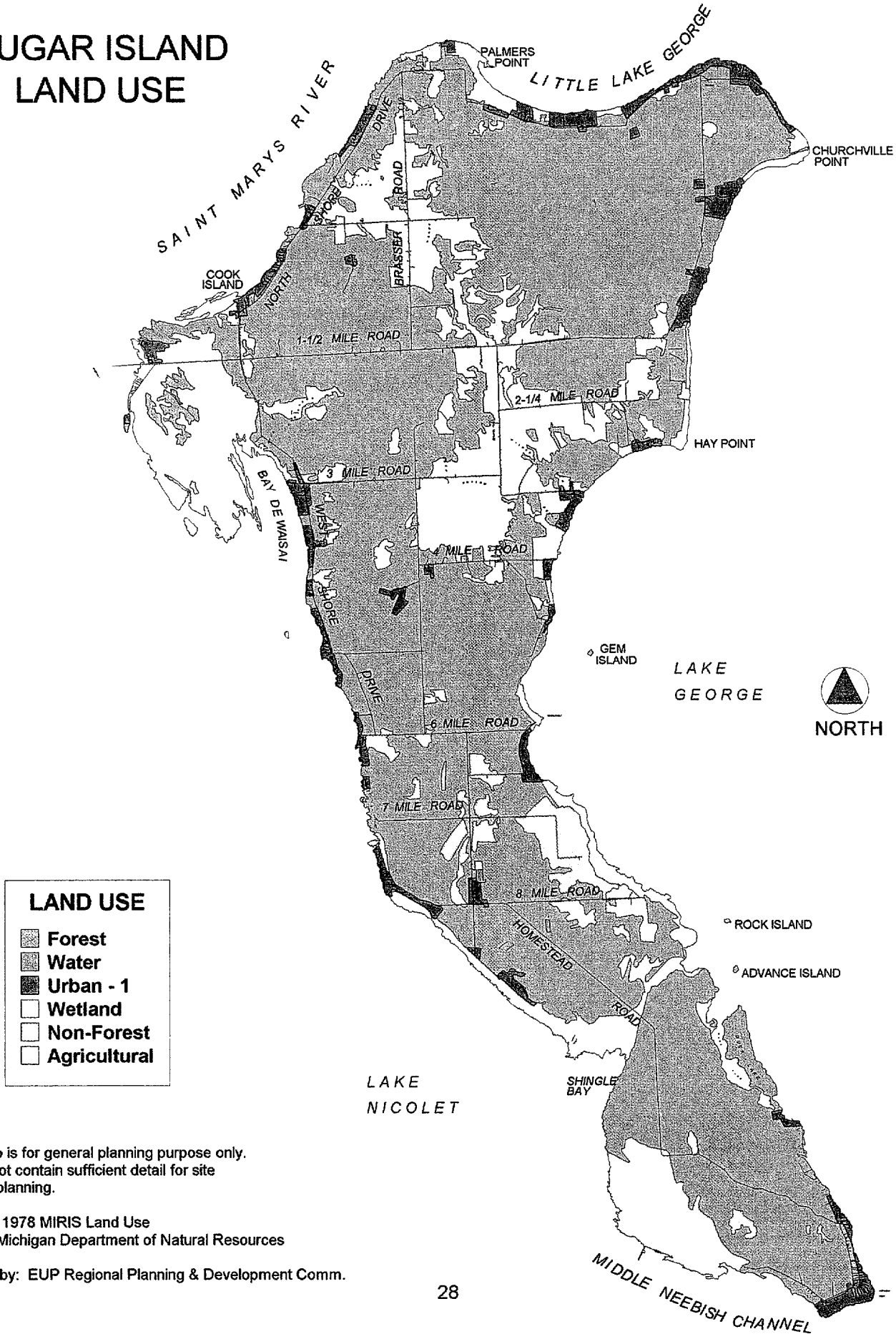
MAP #14 COMMERCIAL SERVICES

●UGAR ISLAND



MAP # 15

SUGAR ISLAND LAND USE



This map is for general planning purpose only.
It does not contain sufficient detail for site
specific planning.

Source: 1978 MIRIS Land Use
Michigan Department of Natural Resources

Created by: EUP Regional Planning & Development Comm.

The City has all the modern conveniences with many hotels and motels for overnight accommodation. The Vegas Kewadin Casino offers a variety of entertainment as well as motel accommodations.

The City is also looking at two islands just off the west shore by the Sugar Island ferry dock. They are considering developing these two islands with nature trails and picnic areas for hiking and exploring. (See Map #16 - Commercial Services and #17 - Land Use, Sault Ste. Marie.)

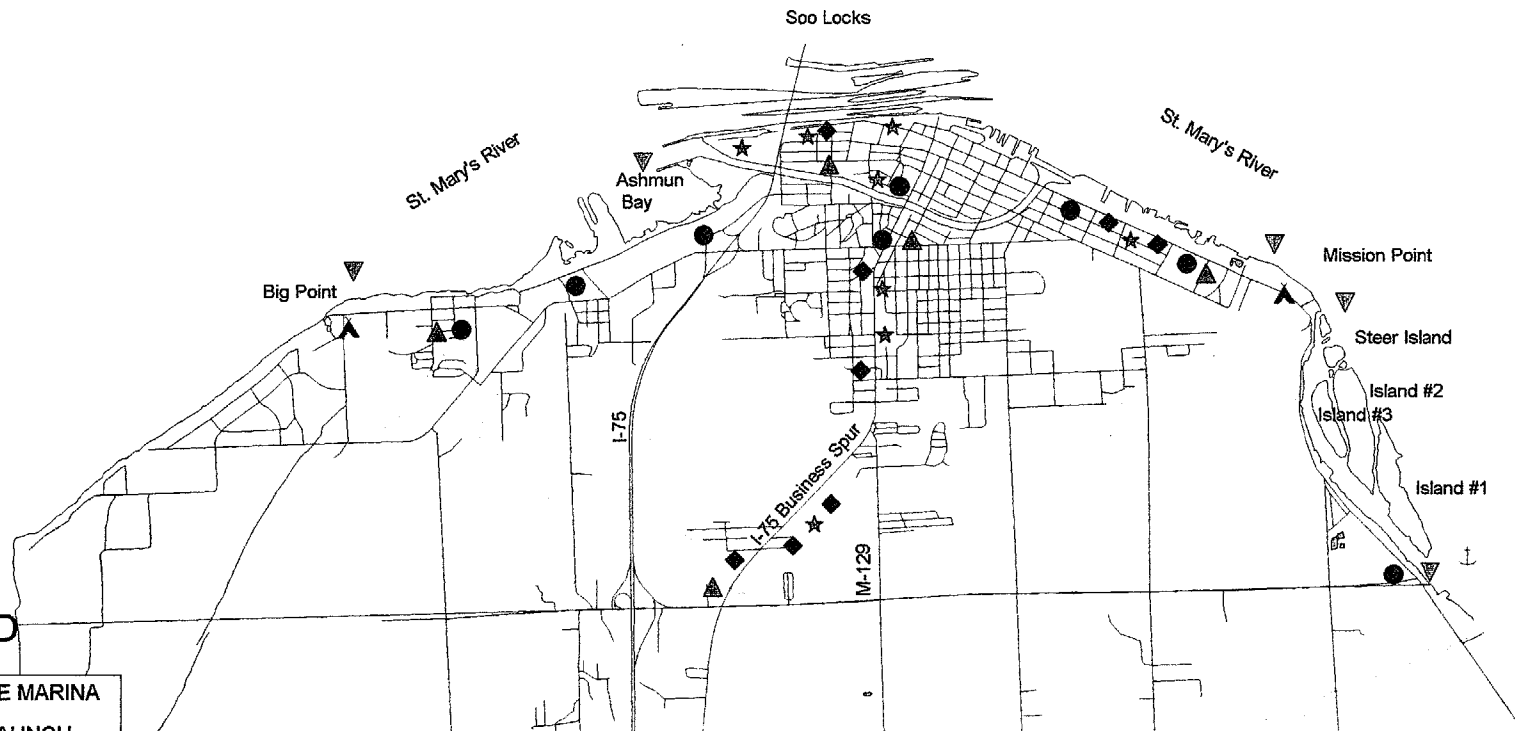
MAP #16
COMMERCIAL SERVICES

SAULT STE. MARIE

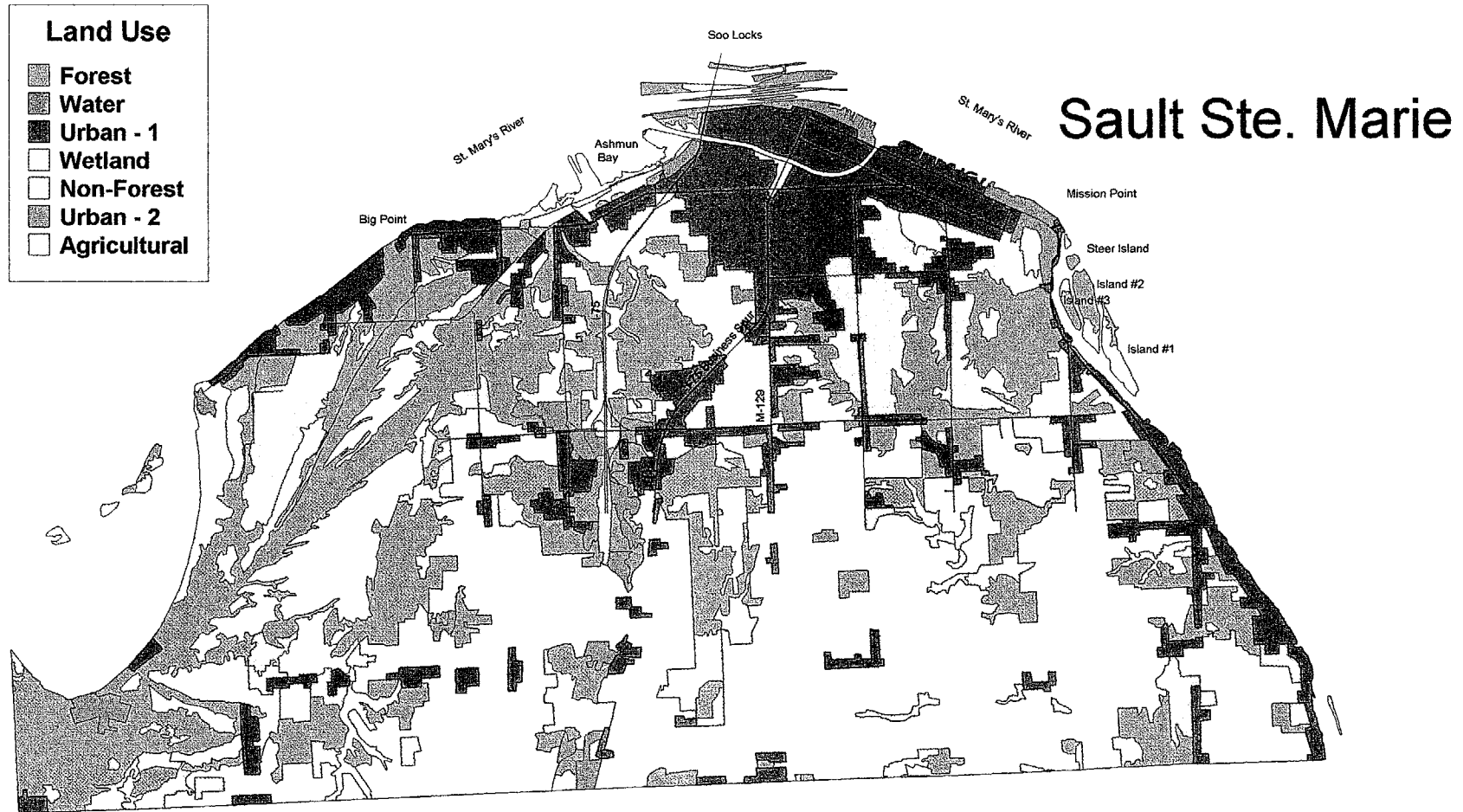
30

LEGEND

- ⚓ PRIVATE MARINA
- ▼ BOAT LAUNCH
- ◆ MOTELS/HOTELS
- ★ RESTAURANT
- ▲ CITY PARK
- ▲ GROCERY STORE
- GAS STATION



MAP #17 LAND USE



This map is for general planning purpose only. It does not contain sufficient detail for site specific planning.

Source: 1978 MIRIS Land Use
Michigan Department of Natural Resources

Created by: EUP Regional Planning & Development Comm.



TRANSPORTATION CORRIDORS

As shown in Map 18, the EUP is tied together with four major highways.

Interstate - 75 travels from the City of St. Ignace directly north to the City of Sault Ste. Marie.

Exit off of I-75 east on to M-134 to travel the shoreline, through the communities of Hessel and Cedarville and on to DeTour where it continues, after crossing the ferry, on Drummond Island.

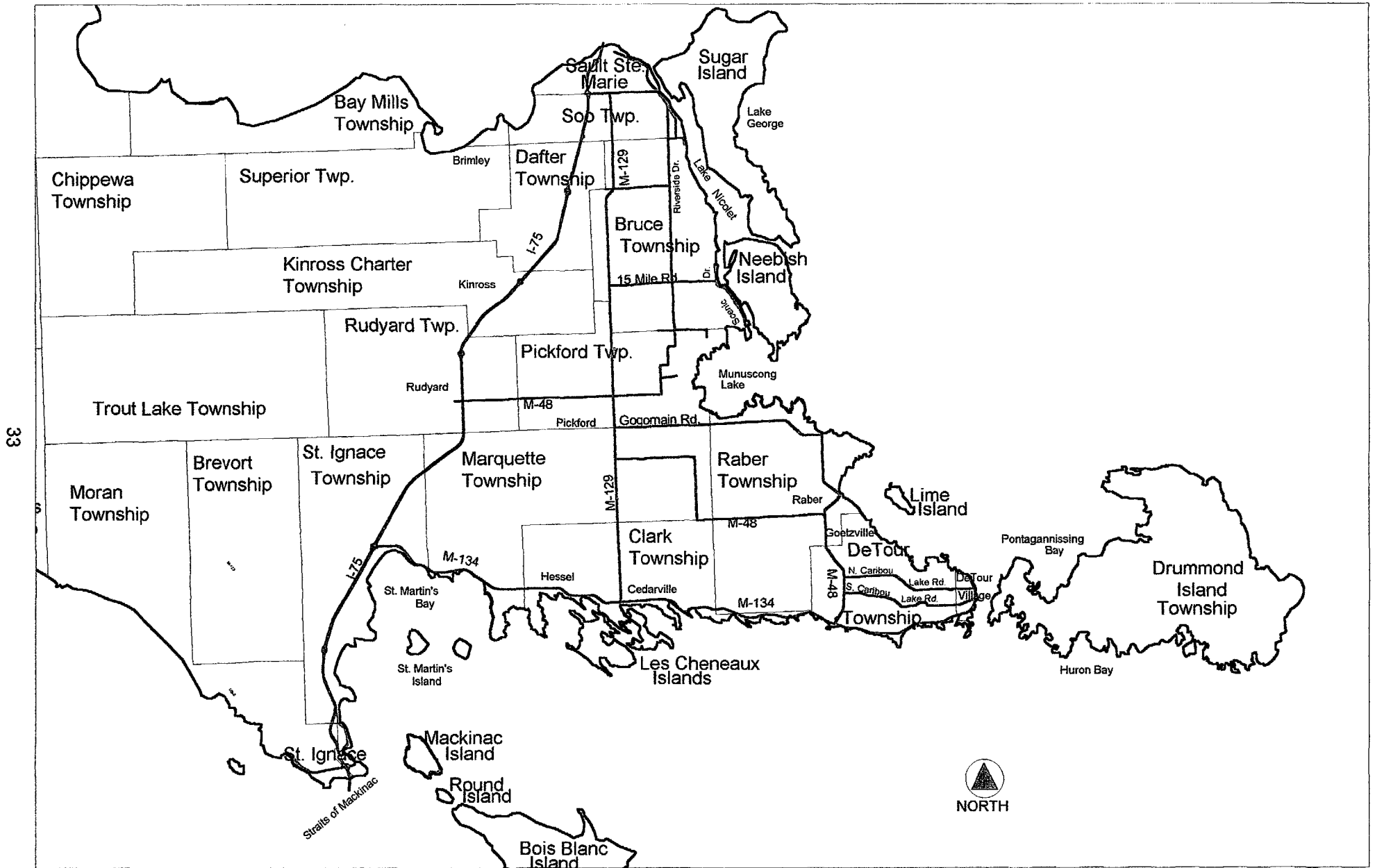
Highway M-129 connects to M-134 in Cedarville and will take you straight north to the City of Sault Ste. Marie.

Highway M-48 connects to M-134 ten miles west of DeTour Village. This road will connect with M-129 two miles south of the community of Pickford.

Just past the community of Goetzville off of M-48 is the Gogomain Road which travels through the community of Raber and around the shoreline eventually connecting with M-129 in Pickford. The Gogomain Road has been repaved and is an especially beautiful road to travel with the wild flowers and trees lining each side.

North and South Caribou Lake Roads connect the Village of DeTour with M-48 just south of the community of Goetzville. The South Caribou Lake Road has recently been repaved which makes it a nice scenic drive.

MAP # 18 TRANSPORTATION CORRIDORS



RECOMMENDATIONS

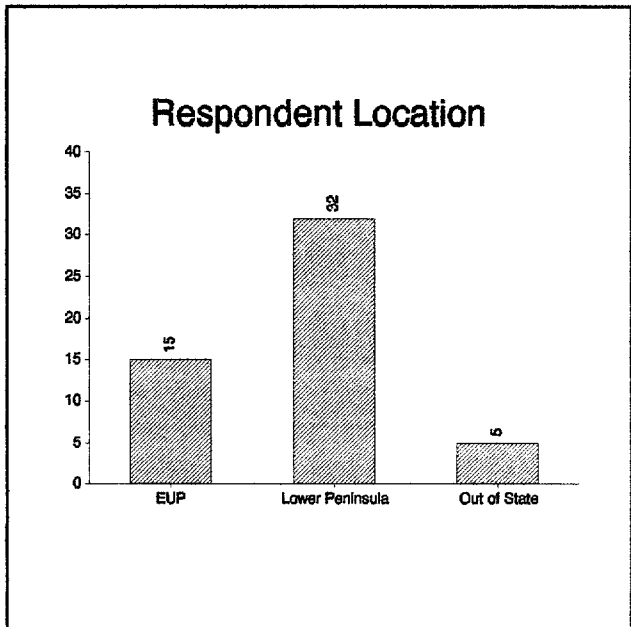
Combining the results from the Boater's Survey, input from community officials and business owners and the inventory of services available lead us to the following recommendations:

- 1) Specific check points should be chosen along the shoreline and islands of the Trail. Contact should be made with businesses chosen as check points enlisting members for an Island Explorer Trail Committee, to discuss informational signage, promotional ideas and services that can be provided -- in addition to what is now available and specifically for travelers of the Island Explorer Trail. Recommended checkpoints along the shore of the Eastern Upper Peninsula include: St. Ignace City Marina, Cedarville Marine, DeTour Harbor of Refuge, Raber Bay Bar & Grill, Refuge Resort (Munuscong Lake Shoreline), and Harvey Marina in Sault Ste. Marie.
- 2) As fishing is one of the main attractions to the area, and input from the local communities suggest that the supply of fish is decreasing greatly due to the increase of natural predators as well as human consumption, it is recommended that fish planting be seriously considered by the DNR. If the fishing supply is boosted, it could mean more people would be attracted to the area. Indications from the area suggest that local communities would be willing to work with DNR should this option be considered. Informational meetings with DNR officials would be extremely beneficial to discuss the pro's and con's of fish planting.

- 3) Development of informational maps showing water depth, docking facilities, shipping lanes, and services in the area would greatly benefit promotion of the Island Water Explorer Trail. Survey responses suggest that maps would be the best promotional tool.
- 4) Some comments in the survey responses suggest that non-motorized areas be designated to keep the natural quiet and beauty of the land and water. Areas for canoeing such as the Carp River area or Les Cheneaux Island area could be considered and promoted as such. Other environmental issues mentioned were the provision of trash and/or recycling containers to help minimize pollution.
- 5) The survey shows that the bigger boats tend to travel longer distances and require more water depth in docking areas. The Island Explorer Trail could be shown as a series of trails with checkpoints shown for different size boats. For example, a larger boat may travel directly from St. Ignace to Sault Ste. Marie, where a smaller boat may only travel from St. Ignace to Drummond Island then on to Lime Island or Neebish Island, etc.

EUP Boater's Survey

A survey was conducted over a period of eight weeks starting in July and continuing through August. Two-hundred surveys were passed out in the following communities: Sault Ste. Marie, Raber, DeTour Village, Drummond Island, Cedarville, Hessel and St. Ignace. Fifty surveys were mailed out to U.S. participants of a canoe race held in Canada.



A total of 52 surveys were received back for a return rate of 21 percent with the following results:

Twenty-eight percent of respondents were from the Eastern Upper Peninsula, 62 percent from the Lower Peninsula and ten percent were from different states.

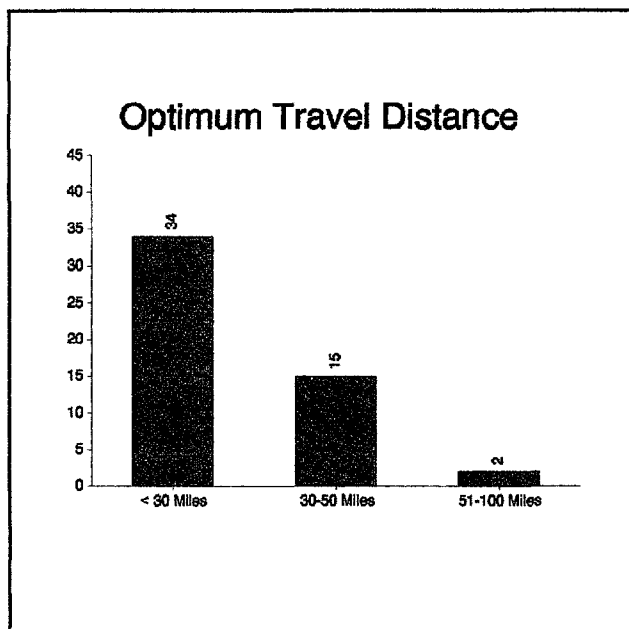
The majority of respondents owned motor boats with outboard motors. A few respondents owned more than one type of boat.

The most visited area is Sault Ste. Marie, with DeTour Village and Drummond Island following closely.

Fifty-six respondents make 1-5 trips per season, with 38 percent making more than 10 trips per season.

The most common boat size ranged between 16-20 foot with 53 percent. Twenty-five percent of respondent's boats were in the 21-30 feet category and 18 percent were under 16 feet. Eighty-two percent of the respondents trailer the boat to a launch site. Sixty-one percent have only 1-2 people in the party. Forty-six percent spend one day at a port, with 40 percent spending 2-3 days.

Fifty-seven percent of the respondents boat on the weekends with only 16 percent spending the whole summer boating.



Sixty-two percent of the respondents had never heard of the Island Explorer Water Trail. Ninety percent liked the idea of the Island Explorer Water Trail.

Sixty-seven percent of the people felt that less than 30 miles between stops would be the best, with 29 percent choosing 30-50 miles between stops.

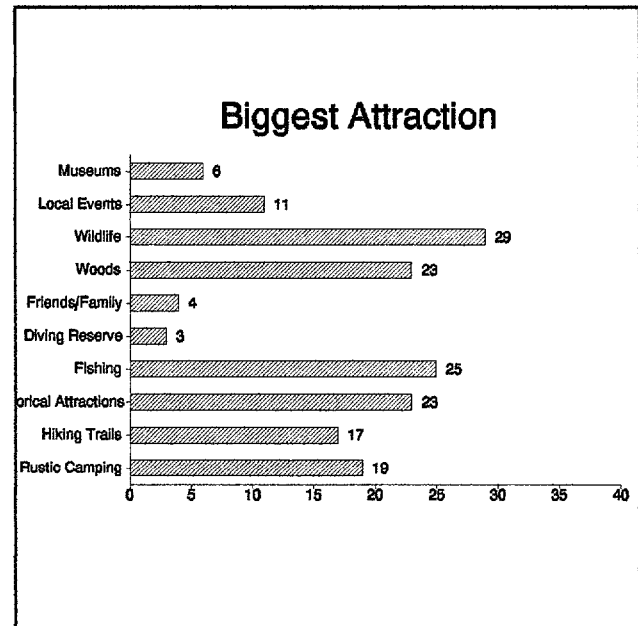
The three most important services wanted on island campsites were bathrooms, dockage, and showers. The three least important were hotels, laundromats, and cabins/resorts.

The three most important services wanted on mainland within one mile distance was gas stations, grocery stores, and dockage. The three least important on the mainland side turned out to be hotels, cabins/resorts, and laundry services.

Restaurant delivery and bike rentals rated the highest for convenience services wanted. Taxi service was rated the least important.

The best ways thought to promote the Water Trail were maps and brochures.

The biggest attraction to the area turned out to be the wildlife, with fishing a close second.



Recreational Boater's Survey
July, 1995

Where are you from?

15 Eastern Upper Peninsula
 Western Upper Peninsula
 Central Upper Peninsula
32 Lower Peninsula
5 Out of State

What type of boat do you have?

42 Motor
 5 Inboard
 15 I/O
 22 Outboard
7 Sailboat
 3 Gas auxiliary
 1 Diesel auxiliary
 3 No auxiliary
21 Canoe/Kayak

What areas do you visit in EUP?

12 Brimley
32 Sault Ste. Marie
27 DeTour Village
27 Drummond Island
17 Mackinac Island
18 St. Ignace
26 Cedarville
20 Hessel
19 Raber
15 Whitefish/Paradise
12 Other

How often do you come to the EUP on boating trips?

27 1-5 trips per season
3 6-10 trips per season
18 More than 10 trips

What is your boat size?

10 Under 16 ft.
30 16-20 ft.
14 21-30 ft.
1 31-40 ft.
2 Over 40 ft.

Do you

9 Moor boat at a dock
42 Trailer to launch site

What is your usual party size?

31 1-2 People
17 3-4 People
3 5-6 People
 Over 6 People

What is your usual length of stay at each port?

23 1 day
20 2-3 days
2 4-7 days
4 1-2 weeks
1 Longer than 2 weeks

What is the typical length of time for a boating trip for you?

31 Weekends
14 1-2 Week Vacation
9 All summer long

Have you ever heard of Michigan's Island Explorer Water Trail?

20 Yes
32 No

Does the St. Mary's River Island Explorer Water Trail concept appeal to you?

47 Yes
5 No

What would be the optimum distance to travel between overnight stops?

34 Less than 30 miles
15 30-50 miles
2 51-100 miles
 100-200 miles
 Over 200 miles

Rating 1 - 5 with 1 = very important and 5 = not important, please rate the following:

Services on island campsite

	1-Very Important	2	3	4	5-Not Important
Restaurant	3	4	13	6	13
Grocery	14	6	6	6	10
Hotel/Motel	3	3	5	2	24
Utilities	12	5	5	4	14
Marina	18	6	6	1	10
Laundry	8	3	4	5	19
Gas Station	25	2	2	3	7
Cabin/Resort	2	2	12	3	19
Picnic Table	18	3	11	2	7
Docks	28	2	2	4	6
Boat Launch	21	1	4	2	11
Marina Supply	9	7	4	6	8
Bathrooms	33	4	1	1	4
Campground	18	5	4	5	9
Grills	12	1	10	7	9
Swimming Beach	11	5	12	4	10
Showers	21	5	8	0	8
Other - Sanitation Disposal	1				

Services on mainland within 1 mile distance

	1	2	3	4	5
Restaurant	19	7	9	2	3
Grocery	24	11	4	3	0
Hotel/Motel	4	6	4	3	16
Utilities	13	4	4	8	9
Marina	14	3	9	2	9
Laundry	8	5	8	4	11
Gas Station	25	4	3	2	3
Cabin/Resort	0	4	9	4	16
Picnic Table	8	3	6	4	10
Docks	23	5	0	1	4
Boat Launch	22	2	0	1	8
Marina Supply	10	2	7	6	6
Bathrooms	22	7	0	1	4
Campground	10	5	3	6	9
Grills	7	7	3	5	11
Swimming Beach	6	7	4	3	11
Showers	15	4	8	4	3
Other					

Convenience Services at mainland ports

	1	2	3	4	5
Taxi Service	5	1	1	0	14
Bike Rental	13	1	2	2	8
Car Rental	6	0	5	3	9
Grocery del	11	1	8	2	5
Bus Shuttle	7	5	4	2	7
Gas delivery	11	2	4	2	6
Restaurant del	14	1	3	2	7
Secured parking lot	11	5	1	0	9
Other Waste Disposal areas					

What ways to best promote Trail?

Brochures	36
Maps	39
Newspapers	12
Mailings to clubs	21
TV Commercials	13
Newsletter	18
Other	Brochure given with boat license; Boat U.S. has newsletter reaching many boaters, Great Lakes Cruiser, Lakeland Boating, Radio, PBS Info Program

What attracts you most?

	1	2	3	4	5
Rustic Camping	19	0	1	2	4
Hiking trails	17	3	1	2	3
Historical Attractions	23	2	5	1	1
Fishing	25	5	0	3	1
Diving Reserve	3	4	1	1	8
Friends /Family	4	3	1	0	8
Woods	23	3	3	0	2
Wildlife	29	3	3	0	0
Local Events	11	4	3	1	4
Museums	6	6	4	1	4
Other - Canoe Racing; Sporting events; Safe boating in shipping channel; good sheltered sailing	2				1

Comments:

Super good idea - don't commercialize - keep affordable

Sounds like a good idea

Love Lime Island

Good idea, but improve launching areas - hard to get in and out

Can't improve these islands and waterways. Leave alone

Object to water trail - only bigger boats benefit

Why promote and over populate beautiful area

Need fish cleaning stations at SSM

Hope to have non-motorized areas to enjoy the splendid solitude without jet skis, motor boats and four wheelers destroying it all. Trash disposal and recycling areas would be nice and will help keep trash to a minimum. Volunteer opportunities for the public would be a plus. Environmental (noise, air and water) should be a #1 priority.